

## 15W Single Output Industrial DIN Rail Power Supply FSAP-15 Series

### ●Applications:

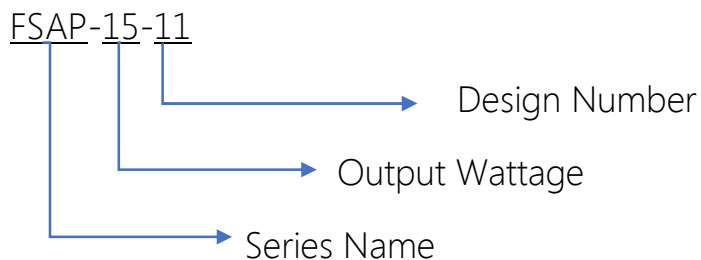
Industrial control system  
Semi-conductor fabrication equipment  
Factory automation  
Electro-mechanical



### ●Features:

Universal AC input/Full range  
Protections: Short Circuit/Overload/Over voltage  
Cooling by free air convection  
Can be installed on DIN rail TS-37/7.5 or 15  
LED indicator for power on  
No load power consumption < 0.75W  
100% full load burn-in test  
3 years warranty

### ●Model Encoding





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ITEM		FSAP15-11	FSAP15-12
<b>INPUT CHARACTERISTICS</b>			
AC Input Voltage	Rating	100 - 240 VAC	
	Range	90-264VAC	
AC Input Frequency		47 – 63Hz	
AC Input Current		0.42A /115VAC, 0.22A/230VAC	
DC Input Voltage		120-370VDC	
Inrush Current(Typ.)		25A @ 115VAC / 50A @ 230VAC,cold start	
Power Factor		N/A	
<b>OUTPUT CHARACTERISTICS</b>			
Output Power		15W	
Output Voltage		24V	12V
Adjust Range		22 – 28V	10 – 14V
Output Current		0.63A	1.25A
Efficiency(230VAC)		81%	78%
Ripple and Noise		1% of Output Voltage	
Leakage Current		3.5mA	
Hold-Up Time		16ms	
Start Up Delay Time		2S	
Voltage Regulation		±1%	
Load Regulation		±1%	
Total Regulation		Line + Load + Temperature + Time: ± 2.5%	
Over Load Protection		105% - 150%,Hiccup, Auto resetting	
Short Circuit Protection		Hiccup, Auto resetting	
Over Voltage Protection		29.4~36V	15.6~18V
Temperature Coefficient		± 0.03%	
Hi-pot		I/P-O/P:3KVAC,I/P-FG:1.5KVAC,O/P-FG:500VAC,1min.	
<b>ENVIRONMENTAL REQUIREMENTS</b>			
Operating Temperature		-10~60℃ , 50~60℃, Line Derating to 50% load.	
Storage & Shipping		- 40℃ to 85℃	
Operating Humidity		10 - 90% RH, non condensing	
Storage Humidity		5-95% RH, non condensing	

Cooling	Free air cooling
Shock	IEC 68-2-27
Vibration	IEC 68-2-6
<b>SAFETY &amp; EMC REQUIREMENTS</b>	
Safety Approvals	UL508, CE
CE-Mark Directives	CE marked to EMC / LVD
EMI Emissions	EN55022 Class B, FCC part15 Class B
Harmonic Current	Conforms to EN61000-3-2
EMC Immunity	IEC 61000-4-2,3,4,5,6,8,11
RoHS Compliance	Yes
<b>OTHERS</b>	
MTBF	MIL HDBK 217F, 25 °C, 800,000 Hrs
Pollution Standard	EN50178 Class 2
IP Code	IEC 60529 IP 20
Warranty	3 Years
Size (W×D×H)	22.8mm×102mm×90mm
Weight	130 g